



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

April 4, 2014

Mr. Bruce Bailey
Vice President of Technical Affairs
quasar energy group
5575 Granger Road, Suite 320
Independence, OH 44131

Re: Biosolids Site Review

Dear Mr. Bailey:

Ohio EPA received a request on March 14, 2014 from quasar energy group to include the following sites as part of the Ringler Energy, LLC biosolids management program:

<u>Field ID</u>	<u>Ohio EPA Site No.</u>	<u>County</u>	<u>Township</u>
MOQ-03-01	59-00079	Morrow	Westfield
MOQ-03-02	59-00080	Morrow	Westfield
MOQ-03-03	59-00081	Morrow	Westfield
MOQ-03-04	59-00082	Morrow	Lincoln

These sites are owned and operated by **Exemption C**. MOQ-03-01 to 03 are located east of State Route 42 and south of Westfield Fulton Road. MOQ-03-04 is located east of Pompey Road and north of Westfield Fulton Road.

A review of these sites was conducted by Ohio EPA. Consideration was given to soil and landscape characteristics, isolation distances from residences, geology and ground water conditions and the proximity to waterways and wells.

The review indicated that portions of these sites contain hydrologic group D soils. Please refer to Ohio Administrative Code (OAC) 3745-40-08 (B)(2) for beneficial use restrictions for group D soils.

Soil analytical results indicated that portions of these sites have soil phosphorus values ranging from 10 ppm to 150 ppm Bray-Kurtz P1 extraction. Please refer to OAC 3745-40-08(A)(2)(b) to determine the agronomic rate based on the site soil phosphorus results.

These sites are authorized to be included as part of the Ringler Energy biosolids program. This authorization is subject to conditions contained in both the NPDES permit and OAC 3745-40.

April 4, 2014

Page 2 of 2

Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.
2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.
4. Records for the application of biosolids on these sites shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

If you have any questions, please contact me at (614) 644-2150 or via email at betsy.vanwormer@epa.ohio.gov.

Sincerely,



Betsy P. L. VanWormer, P.E.
Environmental Engineer II
Ohio EPA Division of Surface Water

Cc: Morrow County Health Department
Morrow County Soil and Water Conservation District
Westfield Township Trustees
Lincoln Township Trustees
Exemption 3

Ec: Sam Mullins, quasar energy group
Isaac A. Robinson, III, Chief, Ohio EPA/CDO



